Claims pending

- At time of the action: Claims 24-30.
- After this response: Claims 24-31.

Currently Amended claims   Claims 24 and 25.

Currently Cancelled claims   None.

New claims   Claim 31.

24.   (Currently Amended) In a computer system having resources and a resource planner for granting reservations of amounts of resources to activities, a computer-implemented method comprising:

submitting <u>by an activity</u> a request for a reservation of a set of resources in specified amounts ~~from an activity~~ to the resource planner;

determining at the resource planner that the request cannot be granted;

returning from the resource planner to the activity a list, <u>the list including an amount of each currently available resource that satisfied the resource reservation request and an amount of each currently available resource that did not satisfy the resource reservation request,</u> ~~the list including an amount of each resource in a set of resources that is currently available to the activity,~~ the amount<u>s</u> being specified in terms of units specific to each resource in the set of resources;

using the returned list at the activity to reformulate the request for a reservation of the set of resources to specify new requested amounts;

resubmitting the reformulated request to the resource planner; and

executing the activity.

25.　(Currently Amended) In a computer system having resources and a resource planner for granting reservations of amounts of resources to activities performed on the computer system, a computer-implemented method comprising:

negotiating between the resource planner and activities to reserve shares of the resources with the resource planner on behalf of the activities;

in view of changing resource usage or requirements, renegotiating between the resource planner and the activities to change reservations of resources on behalf of the activities to reflect the changing resource usage or requirements, wherein renegotiating includes returning from the resource planner to the activity a list, the list including an amount of each currently available resource that satisfied the resource reservation request and an amount of each currently available resource that did not satisfy the resource reservation request, the list including an amount of each resource in a set of resources that is currently available to the activity, the amounts being specified in terms of units specific to each resource in the set of resources; and

executing at least one of the activities.

26.　(Original) The method of claim 25 wherein the changing resource usage or requirements are the product of a new activity being performed.

27.   (Original) The method of claim 25 wherein the changing resource usage or requirements are the product of an activity changing its resource requirements.

28.   (Original) The method of claim 25 wherein the changing resource usage or requirements are the product of an activity no longer being performed.

29.   (Original) The method of claim 25 wherein the changing resource usage or requirements are the product of a persistent overload of use of a resource.

30.   (Original) The method of claim 25 wherein the changing resource usage requirements are the product of a change in resource allocation policy.

31.   (New) In a computer system having resources and a resource planner for granting reservations of amounts of resources to activities, a computer-implemented method comprising:

    submitting a request for a reservation of a set of resources in specified amounts from an activity to the resource planner;

    determining at the resource planner that the request cannot be granted;

    returning from the resource planner to the activity a list, the list including an amount of each resource in a set of resources that is currently available to the activity, the amount being specified in terms of units specific to each resource in the set of resources;

using the returned list at the activity to reformulate the request for a reservation of the set of resources to specify new requested amounts;

resubmitting the reformulated request to the resource planner; and

executing the activity.